

# ATTACHMENT A: SEARCH HISTORY

| L Number | Hits | Search Text  | DB  | Time stamp          |
|----------|------|--|---|---------------------|
| 27       | 8071 | magnetic and memory and (multiple same layers)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/07/12<br>10:24 |
| 28       | 179  | ((magnetic and memory and (multiple same layers)) and (tunnel\$3 same layer) and (first same ferromagnetic) and (second same ferromagnetic))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/07/12<br>10:31 |
| 29       | 4    | ((magnetic and memory and (multiple same layers)) and (tunnel\$3 same layer) and (first same ferromagnetic) and (second same ferromagnetic)) and (conductive same layer) and (magnetic same field) and partially and select and superjacent  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/07/12<br>10:32 |
| 30       | 11   | ((magnetic and memory and (multiple same layers)) and (tunnel\$3 same layer) and (first same ferromagnetic) and (second same ferromagnetic)) and (conductive same layer) and (magnetic same field) and partially and select  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/07/12<br>10:32 |
| 31       | 14   | ((magnetic and memory and (multiple same layers)) and (tunnel\$3 same layer) and (first same ferromagnetic) and (second same ferromagnetic)) and (conductive same layer) and (magnetic same field) and partial\$3 and select   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/07/12<br>10:33 |
| 33       | 33   | ((magnetic and memory and (multiple same layers)) and (tunnel\$3 same layer) and (first same ferromagnetic) and (second same ferromagnetic)) and (first same conduct\$3) and (flux same density)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/07/12<br>10:34 |
| 34       | 0    | ((magnetic and memory and (multiple same layers)) and (tunnel\$3 same layer) and (first same ferromagnetic) and (second same ferromagnetic)) and (first same conduct\$3) and (flux same density)) and unambiguously  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/07/12<br>10:35 |
| 36       | 9    | ((magnetic and memory and (multiple same layers)) and (tunnel\$3 same layer) and (first same ferromagnetic) and (second same ferromagnetic)) and (first same conduct\$3) and (flux same density)) and (current same path)) and (first same portion) and (second same portion)                  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/07/12<br>10:36 |
| 37       | 5    | ((magnetic and memory and (multiple same layers)) and (tunnel\$3 same layer) and (first same ferromagnetic) and (second same ferromagnetic)) and (first same conduct\$3) and (flux same density)) and (current same path)) and (first same portion) and (second same portion)) and adjacent\$3 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/07/12<br>10:37 |
| 32       | 4    | ((magnetic and memory and (multiple same layers)) and (tunnel\$3 same layer) and (first same ferromagnetic) and (second same ferromagnetic)) and (conductive same layer) and (magnetic same field) and partial\$3 and select) and (first same width) and (second same width)                   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/07/12<br>10:42 |
| 35       | 11   | ((magnetic and memory and (multiple same layers)) and (tunnel\$3 same layer) and (first same ferromagnetic) and (second same ferromagnetic)) and (first same conduct\$3) and (flux same density)) and (current same path)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/07/12<br>10:43 |